

Pig Biliverdin Reductase Sequence Cloned By Maines Lab

```

ATG AAT GCA GAG CCC GAG AGG AAG TTT GGC GTG GTG GTG GTT GGT GTT GGC CGA GCC GGC TCC
M  N  A  E  P  E  R  K  F  G  V  V  V  V  G  V  G  R  A  G  S
GTG CGG ATG AGG GAC TTG CGG AAT CCA CAC CCT TCC TCA GCG TTC CTG AAC CTG ATT GGC TTC
V  R  M  R  D  L  R  N  P  H  P  S  S  A  F  L  N  L  I  G  F
GTG TCG AGA AGG GAG CTC GGG AGC ATT GAT GGA GTC CAG CAG ATT TCT TTG GAG GAT GCT CTT
V  S  R  R  E  L  G  S  I  D  G  V  Q  Q  I  S  L  E  D  A  L
TCC AGC CAA GAG GTG GAG GTC GCC TAT ATC TGC AGT GAG AGC TCC AGC CAT GAG GAC TAC ATC
S  S  Q  E  V  E  V  A  Y  I  C  S  E  S  S  S  H  E  D  Y  I
AGG CAG TTC CTT AAT GCT GGC AAG CAC GTC CTT GTG GAA TAC CCC ATG ACA CTG TCA TTG GCG
R  Q  F  L  N  A  G  K  H  V  L  V  E  Y  P  M  T  L  S  L  A
GCC GCT CAG GAA CTG TGG GAG CTG GCT GAG CAG AAA GGA AAA GTC TTG CAC GAG GAG CAT GTT
A  A  Q  E  L  W  E  L  A  E  Q  K  G  K  V  L  H  E  E  H  V
GAA CTC TTG ATG GAG GAA TTC GCT TTC CTG AAA AAA GAA GTG GTG GGG AAA GAC CTG CTG AAA
E  L  L  M  E  E  F  A  F  L  K  K  E  V  V  G  K  D  L  L  K
GGG TCG CTC CTC TTC ACA GCT GGC CCG TTG GAA GAA GAG CGG TTT GGC TCC CCT GCA TTC AGC
G  S  L  L  F  T  A  G  P  L  E  E  E  R  F  G  S  P  A  F  S
GGC ATC TCT CGC CTG ACC TGG CTG GTC TCC CTC TTT GGG GAG CTT TCT CTT GTG TCT GCC ACT
G  I  S  R  L  T  W  L  V  S  L  F  G  E  L  S  L  V  S  A  T
TTG GAA GAG CGA AAG GAA GAT CAG TAT ATG AAA ATG ACA GTG TGT CTG GAG ACA GAG AAG AAA
L  E  E  R  K  E  D  Q  Y  M  K  M  T  V  C  L  E  T  E  K  K
AGT CCA CTG TCA TGG ATT GAA GAA AAA GGA CCT GGT CTA AAA CGA AAC AGA TAT TTA AGC TTC
S  P  L  S  W  I  E  E  K  G  P  G  L  K  R  N  R  Y  L  S  F
CAT TTC AAG TCT GGG TCC TTG GAG AAT GTG CCA AAC GTA GGA GTG AAT AAG AAC ATA TTT CTG
H  F  K  S  G  S  L  E  N  V  P  N  V  G  V  N  K  N  I  F  L
AAA GAT CAA AAT ATA TTT GTC CAG AAA CTC TTG GGC CAG TTC TCT GAG AAG GAA CTG GCT GCT
K  D  Q  N  I  F  V  Q  K  L  L  G  Q  F  S  E  K  E  L  A  A
GAA AAG AAA CGC ATC CTG CAC TGC CTG GGG CTT GCA GAA GAA ATC CAG AAA TAT TGC TGT TCA
E  K  K  R  I  L  H  C  L  G  L  A  E  E  I  Q  K  Y  C  C  S
AGG AAG TAA
R  K  .

```